SHILIDER

# DIESEL GENERATOR SET

## Standard configuration

### Diesel engine
·Dry Air Filter
·Shell type diesel and oil filters
·Mechanical/Electronic governor

### Smoke exhaust system
·Industrial silencers
·Bellows
·Flanges and bends

### Random Documents
·Operation and maintenance manual
·Product test report
·Product Certificate of Conformity
·Electrical schematic diagram

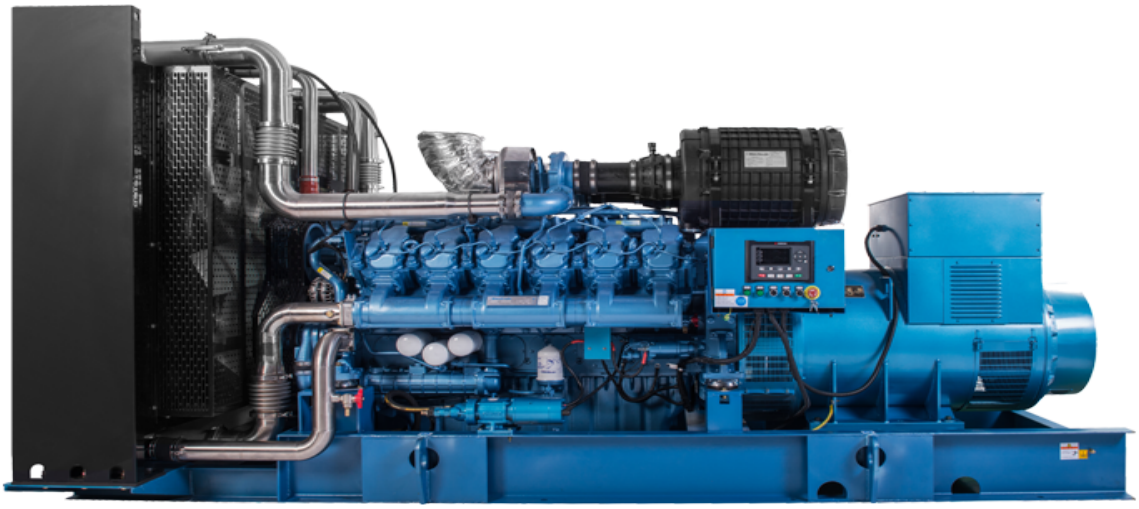
### Generators
·Brushless self-excitation
·Insulation class H
·Protection class IP23
·AVR

### Control System
·Manual/automatic start control panel
·Box type screen body
·Side vertical screen body
·Battery and connection cable

### Other Accessories
·Municipal power float charger
·Random tools
·Maintenance-free battery

### Unit Fittings
·High strength base
·High performance vibration damping device

### Circuit Breaker
·Below 600KW including ABC circuit breaker



## Optional configuration

### Diesel engine
·Lube oil hand pump
·Lube oil preheating system
·Lube oil high temperature alarm
·Lube oil automatic replenishment
·Electronic Speed Controller
·Water jacket preheater
·Remote cooling water tank
·Heat exchanger
·Cooling water tower

### Generators
·Anti-condensation heaters
·PMG
·AVR/DVR

### Fuel System
·Daily fuel tank
·Oil and water separator
·Diesel automatic refill device
·Low oil level alarm device

### Control System
·hree-swing control panel
·Automatic parallel control panel
·Mains voltage loss sequencer
·Ground fault sequencer
·European type quick plug
·Australian type quick plug
·American style plug

### Power Distribution System
·ATS
·Parallel System
·Capacitor compensation cabinet

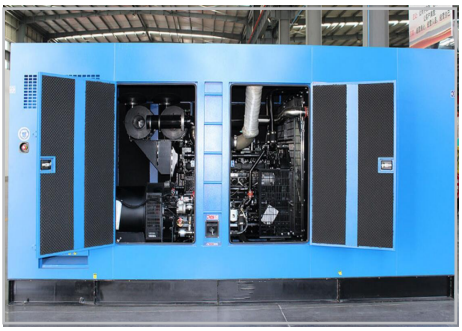
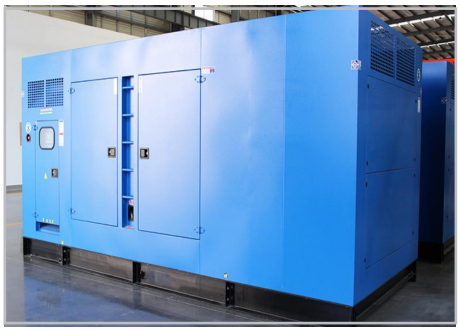
### Silent unit
·Three-position six-way valve
·Automatic fuel pump
·Overflow jug

### Silencer System
·Residential silencers

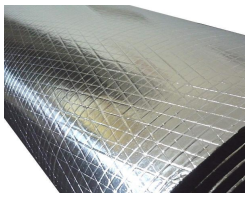
SHILIDER

# SILENT DIESEL GENERATOR

Silent box diesel generator set, good noise reduction effect, economic and environmental protection

## Adequate noise reduction

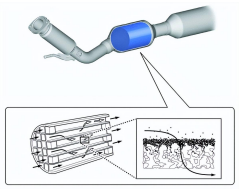


he noise reduction efficiency is significant through new special sound absorption materials and built-in residential muffler. Make the unit quieter during operation

## Fine design

The double-layer oil tank design is more in line with the environmental protection requirements of most countries in the world. The fake overflow kettle makes the unit cleaner

## Low exhaust emission

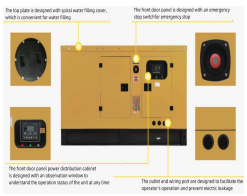


Customized clean engines that meet the national standards of exhaust emission regulations in Europe, the United States and other countries, with low exhaust emissions

## Good exhaust and heat dissipation system

The patented air inlet and exhaust channel ensures smooth air inlet and exhaust heat dissipation. The radiator is equipped with air cooler, which has sufficient heat dissipation and simple operation.

## Control panel observation window



It is equipped with an opening door and a control panel observation window to facilitate installation, operation, observation, maintenance, etc.

## Rain-proof, wind-proof and dust-proof design

The control panel, access door and cover plate of the unit adopt advanced design to effectively prevent the entry of rain water and dust.

## Low exhaust emission

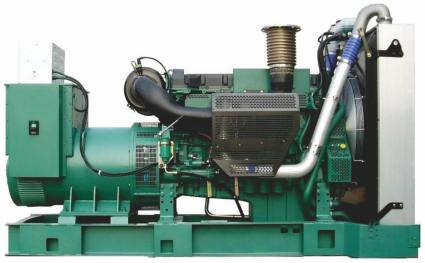
The unit is equipped with a base oil tank , a convenient oil filler and oil level detection system, and a coolant filler above the tank, which can be added directly from outside the tank.

## Good exhaust and heat dissipation system

The box of the unit is made of high-quality plate with plastic spraying/baking paint treatment on the surface, which is corrosion resistant and has a long antirust time.

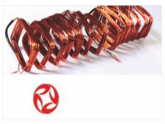
# Shilider engine

Shilider engine is the first-class engine enterprises OEM production, the factory introduced the German advanced production line production equipment, rigorous production process, harsh load test is the guarantee of product quality , through the six decades of development power 15KW-2000KW widely used in automotive, construction machinery, agricultural machinery, ships, generator sets and other fields.



## Production line

## T1 high temperature copper



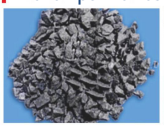
## Manufaktur presisi

## Lembaran baja silikon yang dicap bulat

## Pengujian beban

## bantalan ubc / kertas isolasi

## Bahan permafrost



## Teknologi pernis perendaman vakum

## Kapasitas cadangan generator

### Shilider SD Series Generator Sets (Shilider Engines)

| Model | Commonly used power | Standby power | Engine Model | Oil | Number of cylinders | Cylinder bore*stroke | Disp lacement | Oil cooling | Coolant capacity | Dimension | Weight | Noise |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | KVA/KW | KVA/KW | | (g/kw.h) | | (mm) | (L) | (L) | (L) | L*W*H(mm) | (kg) | dB(A) |
| SD30S | 33/27 | 37/30 | S3DN3.3E-G | 205 | L3 | 105/124 | 4.3 | 15 | 38 | 1750x742x775 | 716 | ≤107 |
| SD33S | 33/30 | 41/33 | S3DT3.1E-G | 200 | L3 | 105/124 | 4.3 | 15 | 38 | 1750x742x775 | 764 | ≤108 |
| SD48S | 55/44 | 60/48 | S4DN5.0E.G | 205 | L4 | 105/124 | 4.3 | 15 | 42 | 2000x742x755 | 921 | ≤109 |
| SD55S | 62/50 | 68/55 | S4DT4.4E-G | 200 | L4 | 105/124 | 4.3 | 15 | 42 | 2220x742x915 | 966 | ≤110 |
| SD62S | 70/56 | 77/62 | S4DT4.6E-G | 200 | L4 | 105/124 | 4.3 | 15 | 42 | 2220x742x915 | 1006 | ≤110 |
| SD86S | 97/78 | 107/86 | S4DTA4.8E-G | 205 | L4 | 105/124 | 4.3 | 15 | 42 | 2540x932x915 | 1104 | ≤112 |
| SD110S | 125/100 | 137/110 | S6DTA6.5E-G | 205 | L6 | 105/124 | 6.5 | 20 | 52 | 2540x932x1070 | 1352 | ≤113 |
| SD120S | 137/110 | 150/120 | S6DTA6.5E-G1 | 205 | L6 | 105/124 | 6.5 | 20 | 52 | 2540x932x1070 | 1368 | ≤113 |
| SD138S | 156/125 | 172/138 | S6DTA6.9E-G1 | 208 | L6 | 105/124 | 6.5 | 20 | 52 | 3000x932x1070 | 1418 | ≤114 |
| SD142S | 162/130 | 177/142 | S6DTA7.1E-G1 | 205 | L6 | 105/124 | 6.5 | 20 | 52 | 3000x932x1070 | 1458 | ≤114 |
| SD165S | 187/150 | 206/165 | S6DTA8.3E-G | 205 | L6 | 105/124 | 6.5 | 20 | 52 | 3000x1167x1535 | 1647 | ≤117 |
| SD176S | 200/160 | 220/176 | S6DTA8.3E-G1 | 205 | L6 | 105/124 | 6.5 | 20 | 52 | 3000x1167x1535 | 1684 | ≤117 |
| SD200S | 225/180 | 250/200 | S6DTA8.3E-G2 | 205 | L6 | 114/135 | 8.3 | 22 | 55 | 3000X1167X1535 | 1744 | ≤117 |
| SD220S | 250/200 | 275/220 | S6DTA8.8E-G | 196 | L6 | 114/135 | 8.3 | 22 | 55 | 3000x1327x1535 | 1993 | ≤117 |
| SD275S | 312/250 | 343/275 | S6DTA13E-G | 196 | L6 | 135/150 | 12.9 | 33 | 68 | 3500x1327x1670 | 2734 | ≤115 |
| SD300S | 337/270 | 375/300 | S6DTA14E-G | 196 | L6 | 135/165 | 14.3 | 33 | 68 | 3500x1327x1670 | 2734 | ≤115 |
| SD330S | 375/300 | 412/330 | S6DTA14-G1 | 196 | L6 | 135/165 | 14.3 | 33 | 68 | 3500x1327x1690 | 2813 | ≤115 |
| SD350S | 400/320 | 437/350 | S6DTA26E-G | 196 | V12 | 135/168 | 14.3 | 33 | 68 | 3590x1686x1795 | 3708 | ≤115 |
| SD400S | 450/360 | 500/400 | S12DTA26E-G1 | 196 | V12 | 135/150 | 25.8 | 65 | 152 | 3590x1686x1795 | 3814 | ≤115 |
| SD440S | 500/400 | 550/440 | S12DTA6E-G2 | 196 | V12 | 135/155 | 26.6 | 65 | 152 | 3640x1686x1970 | 3937 | ≤115 |
| SD500S | 562/450 | 625/500 | S12DTA27E-G | 196 | V12 | 135/155 | 26.6 | 65 | 152 | 3640x1686x1970 | 4012 | ≤115 |
| SD550S | 625/500 | 687/550 | S12DTA27E-G1 | 196 | V12 | 138/158 | 28.6 | 65 | 152 | 3714x1686x1970 | 4152 | ≤115 |
| SD600S | 687/550 | 750/600 | S12DTA27E-G2 | 196 | V12 | 138/158 | 28.6 | 65 | 152 | 3714x1686x1970 | 4352 | ≤115 |
| SD660S | 750/600 | 825/660 | S12DTA28E-G | 200 | V12 | 138/165 | 29.6 | 72 | 158 | 4084x1720x2405 | 4528 | ≤117 |
| SD700S | 800/640 | 875/700 | S12DTA28E-G1 | 200 | V12 | 138/165 | 29.6 | 72 | 158 | 4300x1720x2405 | 4658 | ≤117 |
| SD800S | 910/728 | 1000/800 | S12DTA30E-G | 195 | V12 | 138/168 | 30.2 | 75 | 165 | 4650x1700x2100 | 4817 | ≤117 |
| SD880S | 1000/800 | 1100/880 | S12DTA30E-G1 | 195 | V12 | 138/168 | 30.2 | 75 | 165 | 4700x1700x2150 | 4985 | ≤117 |

# Cummins engine

## Cummins Generators

Cummins Inc. was founded in 1919, Cummins Inc. is the world's leading manufacturer of power equipment, Cummins engine products produced in China base technology and the United States Cummins Inc. synchronized development, its power, economy, reliability, durability, safety and environmental praise by domestic and international consensus, in mainland China has formed four engine joint venture plants, including Dongfeng Cummins, Chongqing Cummins Cummins, Shaanxi Automobile Group Cummins and Beiqi Foton Cummins, with Dongfeng Cummins producing B, C and L series diesel engines and Chongqing Cummins producing M, N and K series diesel engines widely used in the power generation market.

### SHILIDER SD series units technical parameters (cummins engine)

| Model | Commonly used power | Standby power | Engine Model | Oil | Number of cylinders | Cylinder stroke | Disp lacement | Oil capacity | Coolant capacity | Size | Weight | Noise |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | KVA/KW | KVA/KW | | (g/kw.h) | | (mm) | (L) | (L) | (L) | L*W*H(mm) | (kg) | dB(A) |
| SD22C | 25/20 | 28/22 | 4B3.9-G2 | 214 | L4 | 102*120 | 3.9 | 11 | 19 | 1700*750*1200 | 710 | ≤96 |
| SD33C | 38/30 | 41/33 | 4BT3.9-G2 | 214 | L4 | 102*120 | 3.9 | 11 | 19 | 1700*750*1200 | 710 | ≤96 |
| SD44C | 50/40 | 55/44 | 4BTA3.9-G2 | 216 | L4 | 102*120 | 3.9 | 11 | 19 | 1750*720*1200 | 850 | ≤96 |
| SD55C | 63/50 | 69/55 | 4BTA3.9-G2 | 216 | L4 | 102*120 | 3.9 | 11 | 19 | 1750*720*1200 | 876 | ≤96 |
| SD83C | 94/75 | 104/83 | 6BT5.9-G2 | 214 | L6 | 102*120 | 5.9 | 16.4 | 19 | 2250*860*1270 | 1100 | ≤96 |
| SD88C | 100/80 | 110/88 | 6BT5.9-G2 | 214 | L6 | 102*120 | 5.9 | 16.4 | 19 | 2250*860*1270 | 1240 | ≤96 |
| SD100C | 113/90 | 125/100 | 6BT5.9-G2 | 214 | L6 | 102*120 | 5.9 | 16.4 | 19 | 2250*860*1270 | 1240 | ≤96 |
| SD110C | 125/100 | 138/110 | 6BTA5.9-G2 | 211 | L6 | 102*120 | 5.9 | 16.3 | 19 | 2250*860*1270 | 1350 | ≤96 |
| SD132C | 150/120 | 165/132 | 6BTAA5.9-G2 | 208 | L6 | 102*120 | 5.9 | 16.4 | 19 | 2250*860*1270 | 1380 | ≤96 |
| SD154C | 175/140 | 193/154 | 6BTAA5.9-G12 | 208 | L6 | 102*120 | 5.9 | 16.4 | 19 | 2250*860*1270 | 1380 | ≤96 |
| SD165C | 188/150 | 206/165 | 6CTA8.3-G2 | 210 | L6 | 114*135 | 8.3 | 23.8 | 27 | 2400*860*1350 | 1480 | ≤96 |
| SD180C | 200/160 | 225/180 | 6CTA8.3-G2 | 210 | L6 | 114*135 | 8.3 | 23.8 | 27 | 2400*860*1350 | 1500 | ≤96 |
| SD180CN | 225/180 | 250/200 | NT855-GA | 195 | L6 | 140*152 | 14 | 38.6 | 35 | 3000*1000*1620 | 2650 | ≤100 |
| SD220CN | 250/200 | 275/220 | NT855-GA | 195 | L6 | 140*152 | 14 | 38.6 | 35 | 3000*1000*1620 | 2650 | ≤100 |
| SD220C | 250/200 | 275/220 | 6LTAA8.9-G2 | 197 | L6 | 114*145 | 8.9 | 27.6 | 35 | 2540*980*1600 | 1680 | ≤96 |
| SD250C | 275/220 | 313/250 | NTA855-G1A | 195 | L6 | 140*152 | 14 | 38.6 | 35 | 3000*1000*1620 | 2650 | ≤100 |
| SD280C | 313/250 | 350/280 | NTA855-G1B | 195 | L6 | 140*152 | 14 | 38.6 | 35 | 3000*1000*1620 | 2650 | ≤100 |
| SD310C | 350/280 | 400/310 | NTA855-G4 | 201 | L6 | 140*152 | 14 | 38.6 | 49.2 | 3200*1000*1720 | 3080 | ≤100 |
| SD330C | 375/300 | 413/330 | NTAA855-G7 | 213 | L6 | 140*152 | 14 | 38.6 | 60 | 3000*1000*1620 | 3150 | ≤100 |
| SD360C | 400/320 | 450/360 | NTAA855-G7A | 205.2 | L6 | 140*152 | 14 | 38.6 | 49 | 3000*1000*1620 | 3350 | ≤102 |
| SD385C | 438/350 | 480/385 | 6ZTAA13-G2 | 204 | L6 | 102*120 | 14 | 36.7 | 48 | 3300*1380*1850 | 3250 | ≤102 |
| SD400C | 450/360 | 513/400 | QSZ13-G2 | 193 | L6 | 130*163 | 13 | 45 | 23 | 3000*1360*1850 | 3200 | ≤102 |
| SD440CQ | 500/400 | 575/440 | QSZ13-G3 | 193 | L6 | 130*163 | 13 | 45 | 23 | 3000*1360*1850 | 3200 | ≤102 |
| SD440C | 500/400 | 575/440 | KTA19-G3A | 206 | L6 | 159*159 | 19 | 50 | 165 | 3380*1240*1890 | 4520 | ≤102 |
| SD500C | 563/450 | 625/500 | KTAA19-G6 | 207 | L6 | 159*159 | 19 | 50 | 165 | 3540*1550*2100 | 4650 | ≤102 |
| SD550C | 625/500 | 688/550 | KTAA19-G6A | 206 | L6 | 159*159 | 19 | 50 | 165 | 3650*1760*2350 | 4850 | ≤102 |
| SD570C | 650/520 | 713/570 | QSKTAA19-G3 | 206 | L6 | 159*159 | 19 | 22.3 | 165 | 3800*1450*2350 | 5680 | ≤102 |
| SD640C | 725/580 | 800/640 | KT38-G1 | 216 | V12 | 159*159 | 38 | 135 | 194 | 4000*1800*2380 | 6720 | ≤102 |
| SD660C | 750/600 | 825/660 | KTA38-G2 | 216 | V12 | 159*159 | 38 | 135 | 194 | 4000*1800*2380 | 6720 | ≤102 |
| SD700C | 800/640 | 888/710 | KTA38-G2B | 203 | V12 | 159*159 | 38 | 135 | 199 | 4300*1820*2380 | 6810 | ≤102 |
| SD800C | 900/720 | 1000/800 | KTA38-G2A | 203 | V12 | 159*159 | 38 | 135 | 194 | 4300*1800*2380 | 6850 | ≤102 |
| SD880C | 1000/800 | 1100/880 | KTA38-G5 | 205 | V12 | 159*159 | 38 | 135 | 194 | 4300*1820*2400 | 8130 | ≤103 |
| SD1000C | 1125/900 | 1250/1000 | KTA38-G9 | 202 | V12 | 159*159 | 38 | 135 | 194 | 4380*2080*2400 | 8407 | ≤103 |
| SD1100CQ | 1250/1000 | 1375/1100 | QSK38-G5 | 202 | V12 | 159*159 | 38 | 170 | 194 | 4500*2080*2400 | 10500 | ≤103 |
| SD1100C | 1250/1000 | 1375/1100 | KTA50-G3 | 213 | V16 | 159*159 | 50 | 177 | 194 | 5000*1850*2400 | 11500 | ≤103 |
| SD1210C | 1375/1100 | 1513/1210 | KTA50-G8 | 221 | V16 | 159*159 | 50 | 178 | 194 | 5319*2280*2542 | 11800 | ≤103 |
| SD1320C | 1500/1200 | 1650/1320 | KTA50-GS8 | 221 | V16 | 159*159 | 50 | 178 | 194 | 5319*2280*2542 | 11800 | ≤103 |

## Perkins engine

## Perkins Generators

Founded in 1932 in Peterborough, England by British entrepreneur Frank Perkins, Perkins Engines Ltd. is one of the world's leading engine manufacturers and the market leader in off-highway diesel and natural gas engines from 4 to 2,000 kW (5 to 2,800 hp). Perkins is trusted by equipment manufacturers to tailor engines to meet their customers' specific needs.

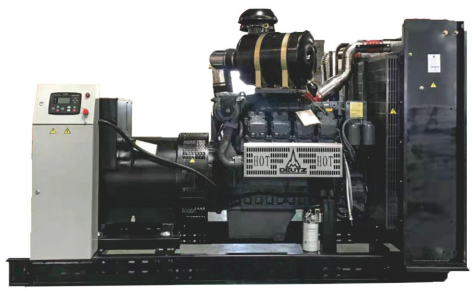
SHILIDER SD series units technical parameters (Perkins engine)

| Model | Commonly used power | Standby power | Engine Model | Oil | Number of cylinders | Cylinder stroke | Disp lacement | Oil capacity | Coolant capacity | Size | Weight | Noise |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | KVA/KW | KVA/KW | | (g/kw.h) | | (mm) | (L) | (L) | (L) | L*W*H(mm) | (kg) | dB(A) |
| SD8P | 9/7 | 10/8 | 403A-11G1 | 248 | L3 | 77*81 | 1.13 | 5 | 5 | 1280*500*860 | 330 | ≤96 |
| SD11P | 12.5/10 | 13.8/11 | 403A-15G1 | 248 | L3 | 84*90 | 1.5 | 6 | 6 | 1280*500*950 | 390 | ≤96 |
| SD13P | 15/12 | 16/13 | 403A-15G2 | 250 | L3 | 84*90 | 1.5 | 6 | 6 | 1280*500*950 | 390 | ≤96 |
| SD18P | 20/16 | 22/18 | 404A-22G1 | 237 | L4 | 84*100 | 2.2 | 11 | 7 | 1420*500*1000 | 470 | ≤96 |
| SD24P | 27/22 | 30/24 | 404D-22TG | 246 | L4 | 84*100 | 2.2 | 10.6 | 9.3 | 1420*500*1000 | 470 | ≤96 |
| SD26P | 30/24 | 36/26 | 1103A-33G | 214 | L3 | 105*127 | 3.3 | 8 | 10 | 1520*650*1200 | 750 | ≤96 |
| SD40P | 45/36 | 50/40 | 1103A-33TG1 | 215 | L3 | 105*127 | 3.3 | 8 | 10 | 1520*650*1200 | 770 | ≤93 |
| SD53P | 60/48 | 66/53 | 1103A-33TG2 | 215 | L3 | 105*127 | 3.3 | 8 | 10 | 1520*650*1200 | 770 | ≤93 |
| SD58P | 65/52 | 72/58 | 1104A-44TG1 | 240 | L4 | 105*127 | 4.4 | 8 | 13 | 1800*650*1200 | 840 | ≤93 |
| SD72P | 80/64 | 90/72 | 1104A-44TG2 | 216 | L4 | 105*127 | 4.4 | 8 | 13 | 1800*650*1200 | 850 | ≤93 |
| SD88P | 100/80 | 110/88 | 1104C-44TAG2 | 205 | L4 | 105*127 | 4.4 | 8 | 13 | 2000*800*1300 | 1150 | ≤93 |
| SD110P | 120/100 | 138/110 | 1106A-70TG1 | 203 | L6 | 105*135 | 7 | 17 | 21 | 2500*900*1560 | 1400 | ≤95 |
| SD132P | 150/120 | 165/132 | 1106A-70TAG2 | 203 | L6 | 105*135 | 7 | 17 | 21 | 2500*900*1560 | 1400 | ≤95 |
| SD160P | 180/144 | 200/160 | 1106A-70TAG3 | 207 | L6 | 105*135 | 7 | 17 | 21 | 2500*900*1560 | 1400 | ≤95 |
| SD176P | 200/160 | 220/176 | 1106A-70TAG4 | 213 | L6 | 105*135 | 7 | 17 | 21 | 2530*900*1560 | 1640 | ≤95 |
| SD200P | 220/180 | 250/200 | 1506A-E88TAG2 | 199 | L6 | 112*149 | 8.8 | 41 | 37 | 2830*1220*1720 | 1990 | ≤95 |
| SD220P | 250/200 | 275/220 | 1506A-E88TAG3 | 199 | L6 | 112*149 | 8.8 | 41 | 37 | 2830*1220*1720 | 2130 | ≤95 |
| SD275P | 312/250 | 343/275 | 1506A-E88TAG5 | 199 | L6 | 112*149 | 8.8 | 41 | 37 | 2830*1220*1780 | 2250 | ≤95 |
| SD300P | 350/280 | 375/300 | 2206C-E13TAG2 | 209 | L6 | 130*157 | 12.5 | 40 | 51 | 3100*1150*1850 | 3150 | ≤95 |
| SD360P | 400/320 | 450/360 | 2206C-E13TAG3 | 206 | L6 | 130*157 | 12.5 | 40 | 51 | 3100*1150*1850 | 3200 | ≤97 |
| SD400P | 450/360 | 500/400 | 2506C-E15TAG1 | 216 | L6 | 137*171 | 15 | 58 | 62 | 3400*1300*1900 | 3300 | ≤97 |
| SD440P | 500/400 | 550/440 | 2506C-E15TAG2 | 211 | L6 | 137*171 | 15 | 58 | 62 | 3400*1300*1900 | 3350 | ≤97 |
| SD530P | 600/480 | 663/530 | 2806C-E18TAG1A | 216 | L6 | 145*183 | 18 | 62 | 61 | 3600*1600*2100 | 3650 | ≤97 |
| SD580P | 650/520 | 725/580 | 2806A-E18TAG2 | 202 | L6 | 145*183 | 18 | 62 | 61 | 3600*1600*2100 | 3880 | ≤97 |
| SD660P | 750/600 | 825/660 | 4006-23TAG2A | 209 | L6 | 160*190 | 23 | 113 | 105 | 4020*1800*2180 | 4500 | ≤97 |
| SD720P | 800/640 | 900/720 | 4006-23TAG3A | 210 | L6 | 160*190 | 23 | 113 | 105 | 4020*1800*2180 | 4500 | ≤97 |
| SD800P | 900/720 | 1000/800 | 4008TAG1A | 206 | L8 | 160*190 | 30.5 | 153 | 143 | 4600*1900*2300 | 7600 | ≤102 |
| SD880P | 1000/800 | 1100/880 | 4008TAG2A | 206 | L8 | 160*190 | 30.5 | 153 | 149 | 4630*2040*2500 | 7900 | ≤102 |
| SD1100P | 1250/1000 | 1375/1100 | 4012-46TWG2A | 212 | V12 | 160*190 | 46 | 177 | 196 | 5100*2050*2400 | 9600 | ≤102 |
| SD1320P | 1500/1200 | 1650/1320 | 4012-46TAG2A | 200 | V12 | 160*190 | 46 | 177 | 210 | 5300*2050*2400 | 10000 | ≤102 |
| SD1500P | 1688/1350 | 1875/1500 | 4012-46TAG3A | 208 | V12 | 160*190 | 46 | 177 | 210 | 5220*2130*2400 | 10600 | ≤102 |
| SD1600P | 1875/1480 | 2063/1600 | 4016-61TRG1 | 194 | V16 | 160*190 | 61 | 237 | 210 | 5900*2240*2128 | 12000 | ≤102 |
| SD1800P | 2000/1600 | 2250/1800 | 4016-61TRG2 | 197 | V16 | 160*190 | 61 | 237 | 215 | 6000*2240*2366 | 12300 | ≤102 |
| SD2000P | 2250/1800 | 2500/2000 | 4016-61TRG3 | 205 | V16 | 160*190 | 61 | 237 | 260 | 6500*2240*3175 | 12900 | ≤102 |

## Deutz engine

## Deutz Generators

DEUTZ generators were founded in 1864 by Mr. Otto in partnership with Mr. Langen as the world's first engine production plant. The first engine invented by Mr. Otto was a gas engine that burned gas, so DEUTZ has a history of more than 140 years in gas engines.



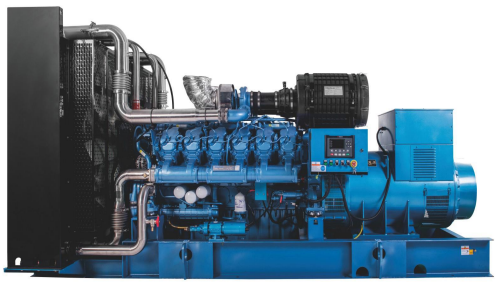
SHILIDER SD series units technical parameters (Deutz engine)

| Model | Commonly used power | Standby power | Engine Model | Oil | Number of cylinders | Cylinder stroke | Disp lacement | Oil capacity | Coolant capacity | Size | Weight | Noise |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | KVA/KW | KVA/KW | | (g/kw.h) | | (mm) | (L) | (L) | (L) | L*W*H(mm) | (kg) | dB(A) |
| SD22D | 25/20 | 27.5/22 | F3L912 | | | | | | | | | |
| SD33D | 37.5/30 | 41/33 | F4L912 | | L4 | | | | | | | |
| SD44D | 50/40 | 55/44 | F6L912 | | | | | | | | | |
| SD55D | 63/50 | 69/55 | BF4M2012 | 220 | L4 | 101*126 | 4 | 15 | 21 | 1393*733*971 | 780 | ≤109 |
| SD60D | 69/55 | 75/60 | BF4M2012C | 227 | L4 | 101*126 | 4 | 15 | 21 | 1393*733*971 | 900 | ≤114 |
| SD66D | 75/60 | 83/66 | BF4M2012C | 227 | L4 | 101*126 | 4 | 15 | 21 | 1393*733*971 | 900 | ≤114 |
| SD88D | 100/80 | 110/88 | BF4M1013EC | 206 | L4 | 108*130 | 4.76 | 15 | 21 | 1598*875*1248 | 955 | ≤113 |
| SD100D | 113/90 | 125/100 | BF4M1013FC | 206 | L4 | 108*130 | 4.76 | 15 | 21 | 1598*875*1248 | 955 | ≤113 |
| SD110D | 125/100 | 138/110 | BF4M1013FC | 206 | L4 | 108*130 | 4.76 | 15 | 21 | 1598*875*1248 | 955 | ≤113 |
| SD132D | 150120 | 165/132 | BF6M1013EC | 198 | L6 | 108*130 | 7.15 | 21 | 30.5 | 1971*1054*1373 | 1320 | ≤113 |
| SD165D | 188/150 | 206/165 | BF6M1013FCG2 | 199 | L6 | 108*130 | 7.15 | 21 | 30.5 | 1971*1054*1373 | 1380 | ≤119 |
| SD180D | 200/160 | 225/180 | BF6M1013FCG3 | 199 | L6 | 108*130 | 7.15 | 21 | 30.5 | 1971*1054*1373 | 1580 | ≤119 |
| SD220D | 250/200 | 275/220 | BF6M1015-LA GA | 195 | V6 | 132*145 | 11.9 | 32 | 68 | 2700*1130*1710 | 2150 | ≤104 |
| SD240D | 275/220 | 300/240 | BF6M1015-LA G1A | 195 | V6 | 132*145 | 11.9 | 32 | 68 | 2700*1130*1710 | 2150 | ≤104 |
| SD280D | 313/250 | 350/280 | BF6M1015C-LA G2A | 195 | V6 | 132*145 | 11.9 | 32 | 68 | 3020*1130*1710 | 2590 | ≤104 |
| SD300D | 350/280 | 375/300 | BF6M1015C-LA G3A | 195 | V6 | 132*145 | 11.9 | 32 | 68 | 3020*1130*1710 | 2590 | ≤104 |
| SD330D | 375/300 | 413/330 | BF6M1015C-LA G4 | 195 | V6 | 132*145 | 11.9 | 32 | 68 | 2550*1120*1800 | 2680 | ≤105 |
| SD360D | 400/320 | 450/360 | BF6M1015CP-LA G | 195 | V6 | 132*145 | 11.9 | 32 | 68 | 2550*1120*1800 | 2680 | ≤105 |
| SD400D | 438/360 | 480/400 | BF8M1015C-LA G1A | 195 | V8 | 132*145 | 15.87 | 54 | 109 | 4170*1320*2015 | 3390 | ≤106 |
| SD440D | 500/400 | 550/440 | BF8M1015CP-LA G1A | 195 | V8 | 132*145 | 15.87 | 54 | 109 | 4170*1320*2015 | 3510 | ≤106 |
| SD500D | 563/450 | 625/500 | BF8M1015CP-LA G3 | 196 | V8 | 132*145 | 15.87 | 54 | 109 | 4170*1320*2015 | 3630 | ≤106 |
| SD550D | 625/500 | 688/550 | BF8M1015CP-LA G5 | 196 | V8 | 132*145 | 15.87 | 54 | 109 | 4170*1320*2015 | 3630 | ≤106 |
| SD600D | 688/550 | 750/600 | HC12V132ZL-LA G1A | 204 | V12 | 132*145 | 23.8 | 78 | 165 | 4600*1716*2316 | 5090 | ≤106 |
| SD660D | 750/600 | 825/660 | HC12V132ZL-LA G2A | 210 | V12 | 132*145 | 23.8 | 78 | 165 | 4600*1716*2316 | 5270 | ≤106 |
| SD720D | 800/640 | 900/720 | HC12V132ZL-LA G2A | 210 | V12 | 132*145 | 23.8 | 78 | 165 | 4600*1716*2316 | 5270 | ≤106 |
| SD800D | 900/720 | 1000/800 | TBD620L6-6CA | 187 | V12 | 170*195 | 35.4 | 90 | 172 | 4830*1716*2306 | 8500 | ≤106 |
| SD880D | 1000/800 | 1100/880 | TBD620V8-2CA | 187 | V12 | 170*195 | 35.4 | 102 | 206 | 4830*1716*2306 | 8500 | ≤106 |
| SD1000D | 1125/900 | 1250/1000 | TBD620V8-4CA | 187 | V12 | 170*195 | 35.4 | 102 | 206 | 4830*1716*2300 | 8500 | ≤106 |
| SD1340D | 1500/1200 | 1650/1340 | TBD620V12-2CA | 187 | V12 | 170*195 | 53.2 | 202 | 254 | 5650*1825*2316 | 9500 | ≤108 |
| SD1500D | 1688/1350 | 1875/1500 | TBD620V12-4CA | 187 | V12 | 170*195 | 53.2 | 202 | 254 | 5700*1825*2316 | 14150 | ≤108 |
| SD1800D | 2000/1600 | 2250/1800 | TBD620V16-2CA | 188 | V12 | 170*195 | 70.8 | 215 | 276 | 6035*1716*2316 | 13950 | ≤108 |
| SD2000D | 2250/1800 | 2500/2000 | TBD620V16-4CA | 188 | V12 | 170*195 | 70.8 | 215 | 276 | 6055*1716*2316 | 14150 | ≤108 |

## Baudouin engine

## Baudouin Generators

Founded in 1918, Bodouin France designed and launched the first 7 hp modern gasoline engine in 1921. 1929 saw the launch of the first DA model diesel engine, which became a success in the market and made it one of the top three marine engine suppliers in the world. 1930 saw the launch of the new DB series engines. 1940 saw the introduction of the In 1940, the concept of "Total Power Solution" was introduced and the company started to supply complete power systems including diesel engines, gearboxes, propellers and marine generator sets, and launched the new DK series engines, including 2, 3, 4 and 6 cylinders inline, with power ranging from 40-150 HP.



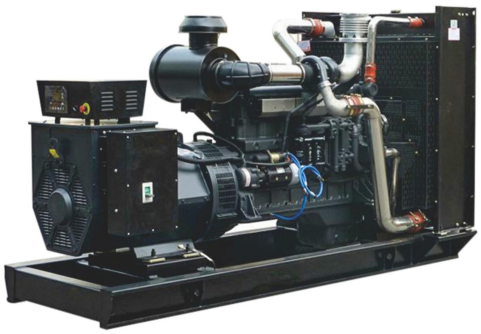
SHILIDER SD series units technical parameters (Baudouin engine)

| Model | Commonly used power KVA/KW | Standby power KVA/KW | Engine Model | Oil (g/kw.h) | Number of cylinders | Cylinder stroke (mm) | Disp lacement (L) | Oil capacity (L) | Coolant capacity (L) | Size L*W*H(mm) | Weight (kg) | Noise dB(A) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SD44W | 50/40 | 55/44 | WP2.3D48E200 | 220 | 4/L | 89/92 | 2.3 | 12 | 18 | 1750×760×1350 | 720 | 96 |
| SD60W | 69/55 | 75/60 | WP4.1D66E200 | 235 | 4/L | 105/118 | 4.1 | 14 | 20 | 1950×950×1400 | 890 | 98 |
| SD90W | 112/90 | 125/100 | WP4.1D100E200 | 201 | 4/L | 105/118 | 4.1 | 14 | 20 | 2100×950×1500 | 1150 | 98 |
| SD128W | 160/128 | 175/140 | WP6D152E200 | 205 | 6/L | 105/130 | 6.75 | 16.5 | 22 | 2400×950×1500 | 1400 | 98 |
| SD150W | 187/150 | 206/165 | WP6D167E200 | 201 | 6/L | 105/130 | 6.75 | 16.5 | 22 | 2400×950×1500 | 1480 | 98 |
| SD200W | 250/200 | 275/220 | WP10D238E200 | 215 | 6/L | 126/130 | 9.7 | 24 | 28 | 2900×1200×1800 | 1980 | 98 |
| SD250W | 312/250 | 350/280 | WP10D320E200 | 210 | 6/L | 126/130 | 9.7 | 24 | 28 | 3000×1200×2000 | 2380 | 98 |
| SD280W | 350/280 | 387/310 | WP12D317E200 | 210 | 6/L | 126/155 | 11.6 | 33 | 38 | 3000×1200×2000 | 2550 | 100 |
| SD300W | 375/300 | 412/330 | WP13D385E200 | 210 | 6/L | 127/165 | 12.6 | 33 | 38 | 3050×1250×2100 | 2820 | 100 |
| SD330W | 412/330 | 450/360 | WP13D385E200 | 210 | 6/L | 127/165 | 12.6 | 33 | 38 | 3050×1250×2100 | 3200 | 108 |
| SD360W | 450/360 | 500/400 | WP13D405E200 | 200 | 6/L | 127/165 | 12.6 | 33 | 38 | 3050×1250×2100 | 3500 | 108 |
| SD380B | 475/380 | 525/420 | 6M26D447E200 | 197 | 6/L | 150/150 | 15.9 | 50 | 110 | 3700×1360×2000 | 3900 | 116 |
| SD420B | 525/420 | 575/460 | 6M26D484E200 | 210 | 6/L | 150/150 | 15.9 | 50 | 110 | 3700×1500×2000 | 4000 | 116 |
| SD460B | 575/460 | 625/500 | 6M33D572E200 | 210 | 6/L | 150/185 | 19.6 | 60.5 | 127 | 3700×1600×2100 | 4300 | 118 |
| SD500B | 625/500 | 687/550 | 6M33D572E200 | 210 | 6/L | 150/185 | 19.6 | 60.5 | 127 | 3700×1600×2100 | 4400 | 118 |
| SD550B | 687/550 | 750/600 | 6M33D633E200 | 210 | 6/L | 150/185 | 19.6 | 60.5 | 127 | 3800×1600×2100 | 4500 | 118 |
| SD600B | 750/600 | 825/660 | 6M33D670E200 | 210 | 6/L | 185/185 | 19.6 | 60.5 | 127 | 3800×1600×2100 | 4650 | 118 |
| SD660B | 825/660 | 900/720 | 12M26D748E200 | 210 | 12/V | 150/150 | 31.8 | 113 | 198 | 4350×2000×2200 | 5800 | 119 |
| SD700B | 875/700 | 963/770 | 12M26D792E200 | 210 | 12/V | 150/150 | 31.8 | 113 | 198 | 4350×2000×2200 | 6000 | 120 |
| SD780B | 975/780 | 1075/860 | 12M26D902E200 | 210 | 12/V | 150/150 | 31.8 | 113 | 198 | 4350×2000×2300 | 6500 | 121 |
| SD850B | 1063/850 | 1163/930 | 12M26D968E200 | 210 | 12/V | 150/150 | 31.8 | 113 | 198 | 4350×2000×2300 | 6600 | 120 |
| SD900B | 1125/900 | 1250/1000 | 12M33D1108E200 | 210 | 12/V | 150/185 | 39.2 | 146 | 233 | 4650×2200×2500 | 6900 | 122 |
| SD1000B | 1250/1000 | 1375/1100 | 12M33D1210E200 | 210 | 12/V | 150/185 | 39.2 | 146 | 233 | 4800×2200×2500 | 7500 | 122 |
| SD1100B | 1375/1100 | 1500/1200 | 12M33D1320E200 | 210 | 12/V | 150/185 | 39.2 | 146 | 233 | 4800×2200×2500 | 7800 | 122 |
| SD1200B | 1500/1200 | 1650/1320 | 16M33D1400E310 | 212 | 16/V | 150/185 | 52.3 | 180 | 350 | 5200×2250×2700 | 10800 | 119 |
| SD1280B | 1600/1280 | 1750/1400 | 16M33D1530E310 | 214 | 16/V | 150/185 | 52.3 | 180 | 350 | 5200×2250×2700 | 11100 | 119 |
| SD1360B | 1700/1360 | 1875/1500 | 16M33D1580E310 | 215.1 | 16/V | 150/185 | 52.3 | 180 | 350 | 5200×2250×2700 | 11600 | 119 |
| SD1400B | 1750/1400 | 1925/1540 | 16M33D1680E310 | 215.9 | 16/V | 150/185 | 52.3 | 180 | 350 | 5200×2250×2700 | 11900 | 119 |
| SD1500B | 1875/1500 | 2060/1650 | 16M33D1800E310 | 204.8 | 16/V | 150/185 | 52.3 | 180 | 350 | 5200×2250×2700 | 12300 | 119 |
| SD1600B | 2000/1600 | 2200/1760 | 12M55D1870E310 | 197.8 | 12/V | 180/215 | 65.6 | 480 | 650 | 6100×2350×2800 | 16600 | 124 |
| SD1650B | 2060/1650 | 2250/1800 | 12M55D2020E310 | 199.4 | 12/V | 180/215 | 65.6 | 480 | 650 | 6100×2350×2800 | 16900 | 124 |
| SD1800B | 2250/1800 | 2500/2000 | 12M55D2210E310 | 201.7 | 12/V | 180/215 | 65.6 | 480 | 650 | 6100×2350×2800 | 17200 | 124 |
| SD2200B | 2750/2200 | 3000/2400 | 12M55D2450E310 | 202.6 | 12/V | 180/215 | 65.6 | 480 | 650 | 6100×2350×2800 | 17500 | 124 |

## ShangChai engine

## ShangChai Generators

Ltd. is the main manufacturer of diesel engines, natural gas engines, DME engines and hybrid engines for trucks, buses, construction machinery, agriculture, ships and generator sets in China, with power range covering 100-1000hp and emission up to Euro 4 and Euro 5 standards, and the products are spread all over China and various regions in the world. The products have excellent power, economy and reliability. With easy to match and convenient maintenance, millions of units in the market and a good after-sales service network, customers are truly free from the worries of parts supply and maintenance service.

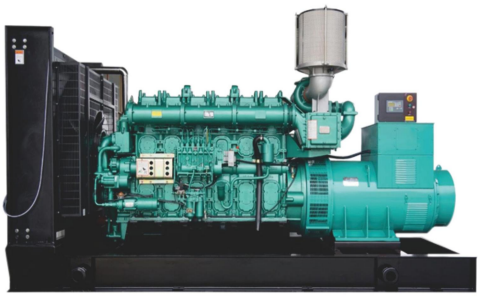


SHILIDER SD series units technical parameters (ShangChai engine)

| Model | Commonly used power KVA/KW | Standby power KVA/KW | Engine Model | Oil (g/kw.h) | Number of cylinders | Cylinder stroke (mm) | Disp lacement (L) | Oil capacity (L) | Coolant capacity (L) | Size L*W*H(mm) | Weight (kg) | Noise dB(A) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SD44S | 50/40 | 55/44 | SC4H95D2 | 220 | L4 | 105*124 | 4.3 | 25 | 20 | 2180*780*1360 | 1200 | ≤108 |
| SD55S | 63/50 | 68/55 | SC4H95D2 | 223 | L4 | 105*124 | 4.3 | 25 | 20 | 2180*780*1360 | 1210 | ≤108 |
| SD66S | 75/60 | 82/66 | SC4H95D2 | 204 | L4 | 105*124 | 4.3 | 15 | 38 | 2650*860*1400 | 1090 | ≤108 |
| SD77S | 88/70 | 96/77 | SC4H115D2 | 204 | L4 | 105*124 | 4.3 | 15 | 38 | 2650*860*1400 | 1120 | ≤108 |
| SD88S | 100/80 | 110/88 | SC4H115D2 | 204 | L4 | 105*124 | 4.3 | 15 | 38 | 2650*860*1400 | 1120 | ≤108 |
| SD100S | 112/90 | 125/99 | SC4H160D2 | 198 | L4 | 105*124 | 4.3 | 15 | 42 | 2680*860*1450 | 1190 | ≤108 |
| SD110S | 125/100 | 138/110 | SC4H160D2 | 198 | L4 | 105*124 | 4.3 | 15 | 42 | 2680*860*1450 | 1210 | ≤112 |
| SD132S | 150/120 | 165/132 | SC4H180D2 | 198 | L4 | 105*124 | 4.3 | 15 | 42 | 2680*860*1450 | 1230 | ≤112 |
| SD150S | 175/140 | 188/150 | SC7H230D2 | 193 | L6 | 105*124 | 6.5 | 20 | 51 | 2750*980*1600 | 1400 | ≤112 |
| SD165S | 188/150 | 206/165 | SC7H230D2 | 193 | L6 | 105*124 | 6.5 | 20 | 51 | 2750*980*1600 | 1420 | ≤112 |
| SD176S | 200/160 | 220/176 | SC7H250D2 | 193 | L6 | 105*124 | 6.5 | 20 | 51 | 2750*980*1600 | 1500 | ≤112 |
| SD200S | 225/180 | 250/200 | SC8D280D2 | 200 | L6 | 114*135 | 8.27 | 22 | 55 | 2800*980*1600 | 1670 | ≤112 |
| SD220S | 250/200 | 275/220 | SC9D310D2 | 200 | L6 | 114*135 | 8.27 | 22 | 55 | 2800*980*1600 | 1900 | ≤112 |
| SD250S | 275/220 | 313/250 | SC13G355D2 | 200 | L6 | 135*150 | 12.88 | 33 | 63 | 2860*1040*1600 | 2900 | ≤115 |
| SD275S | 312/250 | 345/275 | SC13G420D2 | 200 | L6 | 135*150 | 12.88 | 33 | 68 | 3010*1650*1820 | 3000 | ≤115 |
| SD300S | 345/275 | 375/300 | SC13G420D2 | 200 | L6 | 135*150 | 12.88 | 33 | 68 | 3010*1650*1820 | 2900 | ≤115 |
| SD330S | 375/300 | 412/330 | SC15G500D2 | 200 | L6 | 135*165 | 14.16 | 33 | 68 | 3150*1650*1820 | 3120 | ≤117 |
| SD360S | 400/320 | 450/360 | SC15G500D2 | 200 | L6 | 135*165 | 14.16 | 33 | 68 | 3150*1650*1820 | 3150 | ≤117 |
| SD400S | 450/360 | 500/400 | SC25G610D2 | 202 | V12 | 135*150 | 25.8 | 65 | 151 | 3500*1650*2100 | 4550 | ≤117 |
| SD440S | 500/400 | 550/440 | SC25G610D2 | 202 | V12 | 135*150 | 25.8 | 65 | 151 | 3500*1650*2100 | 4570 | ≤117 |
| SD500S | 560/450 | 625/500 | SC25G690D2 | 202 | V12 | 135*150 | 25.8 | 65 | 151 | 3680*1650*2100 | 4600 | ≤119 |
| SD550S | 625/500 | 688/550 | SC27G755D2 | 202 | V12 | 135*155 | 26.6 | 65 | 151 | 3820*1700*2100 | 4700 | ≤119 |
| SD600S | 688/550 | 750/600 | SC27G830D2 | 202 | V12 | 135*155 | 26.6 | 65 | 151 | 3820*1700*2100 | 4750 | ≤119 |
| SD660S | 750/600 | 825/660 | SC27G900D2 | 202 | V12 | 135*155 | 26.6 | 65 | 151 | 3820*1700*2100 | 4815 | ≤119 |
| SD720S | 800/640 | 900/720 | SC33W990D2 | 205 | L6 | 180*215 | 32.8 | 75 | 165 | 4100*1800*2300 | 7100 | ≤120 |
| SD800S | 900/720 | 1000/800 | SC33W1150D2 | 205 | L6 | 180*215 | 32.8 | 75 | 165 | 4100*1800*2300 | 7180 | ≤120 |

## YuChai Generators

Guangxi Yuchai Machinery Co., Ltd. was established in 1951. It is a famous diesel engine manufacturer in China and the most complete internal combustion engine production base with the most complete product spectrum. Power range: 18KW-800KW, products are widely used in military, civilian, marine and other fields. Yuchai diesel generator sets have high overall cost performance and are well received by our customers.



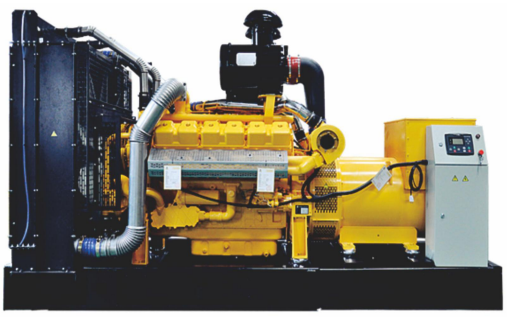
SHILIDER SD series units technical parameters (YuChai engine)

| Model | Commonly used power KVA/KW | Standby power KVA/KW | Engine Model | Oil (g/kw.h) | Number of cylinders | Cylinder stroke (mm) | Disp lacement (L) | Oil capacity (L) | Coolant capacity (L) | Size L*W*H(mm) | Weight (kg) | Noise dB(A) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SD28Y | 31/25 | 35/28 | YC4FA40Z-D20 | 210 | L4 | 96*103 | 2.982 | 8 | 20 | 1600*780*1250 | 680 | ≤109 |
| SD38Y | 44/35 | 48/38 | YC4FA55Z-D20 | 213 | L4 | 96*103 | 2.982 | 8 | 20 | 1600*780*1250 | 690 | ≤109 |
| SD44Y | 50/40 | 55/44 | YC4D60-D21 | 205 | L4 | 108*115 | 4.2 | 13 | 20 | 1800*780*1250 | 870 | ≤109 |
| SD55Y | 63/50 | 68/55 | YC4FA75L-D20 | 205 | L4 | 108*115 | 2.982 | 8 | 22 | 1800*780*1250 | 1050 | ≤109 |
| SD66Y | 75/60 | 82/66 | YC4D90Z-D20 | 221 | L4 | 108×115 | 4.2 | 11 | 40 | 2000*780*1250 | 1200 | ≤109 |
| SD77Y | 88/70 | 96/77 | YC4A100Z-D20 | 205 | L4 | 108*132 | 4.84 | 13 | 40 | 2200*780*1380 | 1250 | ≤109 |
| SD88Y | 100/80 | 110/88 | YC6B135Z-D20 | 202 | L6 | 108*125 | 6.87 | 17 | 42 | 2350*860*1450 | 1200 | ≤109 |
| SD100Y | 112/90 | 125/100 | YC6B135Z-D20 | 202 | L6 | 108*125 | 6.87 | 17 | 42 | 2350*860*1450 | 1220 | ≤109 |
| SD110Y | 125/100 | 138/110 | YC6B155L-D21 | 205 | L6 | 108*125 | 6.87 | 17 | 48 | 2550*980*1500 | 1310 | ≤107 |
| SD132Y | 150/120 | 165/132 | YC6B180L-D20 | 197 | L6 | 108*125 | 6.87 | 17 | 48 | 2500*980*1500 | 1410 | ≤107 |
| SD145Y | 163/130 | 180/145 | YC6A200L-D20 | 192 | L6 | 108*132 | 7.25 | 22 | 48 | 2500*980*1500 | 1520 | ≤107 |
| SD165Y | 188/150 | 206/165 | YC6A230L-D20 | 192 | L6 | 108*132 | 7.25 | 22 | 50 | 2500*980*1500 | 1600 | ≤107 |
| SD176Y | 200160 | 220/176 | YC6G245L-D21 | 205 | L6 | 112*132 | 7.8 | 25 | 50 | 2600*1200*1650 | 1600 | ≤96 |
| SD220Y | 250/200 | 275/220 | YC6MK350L-D20 | 195 | L6 | 131*145 | 11.73 | 28 | 64 | 2600*1200*1650 | 2300 | ≤107 |
| SD242Y | 275/220 | 302/242 | YC6MK350L-D20 | 195 | L6 | 131*145 | 11.73 | 28 | 64 | 3000*1200*1650 | 2330 | ≤107 |
| SD275Y | 312/250 | 343/275 | YC6MK420L-D20 | 195 | L6 | 131*145 | 11.73 | 28 | 70 | 3200*1200*1650 | 2700 | ≤107 |
| SD330Y | 375/300 | 412/330 | YC6MJ480L-D20 | 195 | L6 | 131*145 | 11.73 | 28 | 70 | 3300*1400*1900 | 2920 | ≤107 |
| SD400Y | 450/360 | 500/400 | YC6K570L-D30 | 195 | L6 | 129*165 | 12.94 | 32 | 98 | 3500*1400*1900 | 3480 | ≤101 |
| SD440Y | 500/400 | 550/440 | YC6T600L-D22 | 195 | L6 | 145*165 | 16.35 | 52 | 98 | 3800*1400*1900 | 3600 | ≤107 |
| SD500Y | 562/450 | 625/500 | YC6T700L-D20 | 195 | L6 | 145*165 | 16.35 | 52 | 105 | 3900*1500*1900 | 3900 | ≤107 |
| SD550Y | 625/500 | 688/550 | YC6TD780L-D20 | 195 | L6 | 152*180 | 19.57 | 52 | 170 | 4030*1580*2100 | 4230 | ≤107 |
| SD600Y | 688/550 | 750/600 | YC6TD840L-D20 | 195 | L6 | 152*180 | 19.57 | 52 | 170 | 4030*1580*2100 | 4300 | ≤107 |
| SD660Y | 750/600 | 825/660 | YC6TD900L-D31 | 195 | L6 | 152*180 | 19.57 | 52 | 170 | 4030*1580*2100 | 4300 | ≤107 |
| SD770Y | 875/700 | 960/770 | YC6C1070L-D20 | 198 | L6 | 200*210 | 39.58 | 180 | 255 | 4200*1800*2300 | 7280 | ≤111 |
| SD880Y | 1000/800 | 1100/880 | YC6C1220L-D20 | 198 | L6 | 200*210 | 39.58 | 180 | 255 | 4320*1800*2300 | 7360 | ≤111 |
| SD1000Y | 1125/900 | 1250/1000 | YC6C1520-D31 | 195 | L6 | 200*210 | 39.58 | 180 | 255 | 4320*1850*2300 | 7450 | ≤111 |
| SD1100Y | 1250/1000 | 1375/1100 | YC12VC1680L-D20 | 198 | V12 | 200*210 | 79.17 | 280 | 322 | 4800*2000*2450 | 11500 | ≤107 |
| SD1320Y | 1500/1200 | 1650/1320 | YC12VC2070L-D20 | 198 | V12 | 200*210 | 79.17 | 280 | 322 | 4800*2000*2450 | 11501 | ≤107 |
| SD1450Y | 1625/1300 | 1812/1450 | YC12VC2270L-D20 | 198 | V12 | 200*210 | 79.17 | 280 | 322 | 4800*2000*2450 | 11800 | ≤107 |
| SD1650Y | 1875/1500 | 2062/1650 | YC12VC2510L-D20 | 198 | V12 | 200*210 | 79.17 | 280 | 322 | 4800*2000*2450 | 11800 | ≤107 |
| SD1800Y | 2062/1650 | 22501800 | YC12VC2700-D31 | 196 | V12 | 200*210 | 79.17 | 280 | 322 | 4800*2000*2450 | 12100 | ≤107 |



## Wagna Generators

Founded in 1969 and headquartered in Waldhof, Mannheim, Germany, Wagna is one of the world's top five manufacturers of comprehensive new energy generating sets. The company currently has 12 subsidiaries worldwide and four genset manufacturing plants or power generation plants in Germany, Canada and China.



SHILIDER SD series units technical parameters (Wagna engine)

| Model | Commonly used power KVA/KW | Standby power KVA/KW | Engine Model | Oil (g/kw.h) | Number of cylinders | Cylinder stroke (mm) | Disp lacement (L) | Oil capacity (L) | Coolant capacity (L) | Size L*W*H(mm) | Weight (kg) | Noise dB(A) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SD8P | 9/7 | 10/8 | 403A-11G1 | 248 | L3 | 77*81 | 1.13 | 5 | 5 | 1280*500*860 | 330 | ≤96 |
| SD11P | 12.5/10 | 13.8/11 | 403A-15G1 | 248 | L3 | 84*90 | 1.5 | 6 | 6 | 1280*500*950 | 390 | ≤96 |
| SD13P | 15/12 | 16/13 | 403A-15G2 | 250 | L3 | 84*90 | 1.5 | 6 | 6 | 1280*500*950 | 390 | ≤96 |
| SD18P | 20/16 | 22/18 | 404A-22G1 | 237 | L4 | 84*100 | 2.2 | 11 | 7 | 1420*500*1000 | 470 | ≤96 |
| SD24P | 27/22 | 30/24 | 404D-22TG | 246 | L4 | 84*100 | 2.2 | 10.6 | 9.3 | 1420*500*1000 | 470 | ≤96 |
| SD26P | 30/24 | 36/26 | 1103A-33G | 214 | L3 | 105*127 | 3.3 | 8 | 10 | 1520*650*1200 | 750 | ≤96 |
| SD40P | 45/36 | 50/40 | 1103A-33TG1 | 215 | L3 | 105*127 | 3.3 | 8 | 10 | 1520*650*1200 | 770 | ≤93 |
| SD53P | 60/48 | 66/53 | 1103A-33TG2 | 215 | L3 | 105*127 | 3.3 | 8 | 10 | 1520*650*1200 | 770 | ≤93 |
| SD58P | 65/52 | 72/58 | 1104A-44TG1 | 240 | L4 | 105*127 | 4.4 | 8 | 13 | 1800*650*1200 | 840 | ≤93 |
| SD72P | 80/64 | 90/72 | 1104A-44TG2 | 216 | L4 | 105*127 | 4.4 | 8 | 13 | 1800*650*1200 | 850 | ≤93 |
| SD88P | 100/80 | 110/88 | 1104C-44TAG2 | 205 | L4 | 105*127 | 4.4 | 8 | 13 | 2000*800*1300 | 1150 | ≤93 |
| SD110P | 120/100 | 138/110 | 1106A-70TG1 | 203 | L6 | 105*135 | 7 | 17 | 21 | 2500*900*1560 | 1400 | ≤95 |
| SD132P | 150/120 | 165/132 | 1106A-70TAG2 | 203 | L6 | 105*135 | 7 | 17 | 21 | 2500*900*1560 | 1400 | ≤95 |
| SD160P | 180/144 | 200/160 | 1106A-70TAG3 | 207 | L6 | 105*135 | 7 | 17 | 21 | 2500*900*1560 | 1400 | ≤95 |
| SD176P | 200/160 | 220/176 | 1106A-70TAG4 | 213 | L6 | 105*135 | 7 | 17 | 21 | 2530*900*1560 | 1640 | ≤95 |
| SD200P | 220/180 | 250/200 | 1506A-E88TAG2 | 199 | L6 | 112*149 | 8.8 | 41 | 37 | 2830*1220*1720 | 1990 | ≤95 |
| SD220P | 250/200 | 275/220 | 1506A-E88TAG3 | 199 | L6 | 112*149 | 8.8 | 41 | 37 | 2830*1220*1720 | 2130 | ≤95 |
| SD275P | 312/250 | 343/275 | 1506A-E88TAG5 | 199 | L6 | 112*149 | 8.8 | 41 | 37 | 2830*1220*1780 | 2250 | ≤95 |
| SD300P | 350/280 | 375/300 | 2206C-E13TAG2 | 209 | L6 | 130*157 | 12.5 | 40 | 51 | 3100*1150*1850 | 3150 | ≤95 |
| SD360P | 400/320 | 450/360 | 2206C-E13TAG3 | 206 | L6 | 130*157 | 12.5 | 40 | 51 | 3100*1150*1850 | 3200 | ≤97 |
| SD400P | 450/360 | 500/400 | 2506C-E15TAG1 | 216 | L6 | 137*171 | 15 | 58 | 62 | 3400*1300*1900 | 3300 | ≤97 |
| SD440P | 500/400 | 550/440 | 2506C-E15TAG2 | 211 | L6 | 137*171 | 15 | 58 | 62 | 3400*1300*1900 | 3350 | ≤97 |
| SD530P | 600/480 | 663/530 | 2806C-E18TAG1A | 216 | L6 | 145*183 | 18 | 62 | 61 | 3600*1600*2100 | 3650 | ≤97 |
| SD580P | 650/520 | 725/580 | 2806A-E18TAG2 | 202 | L6 | 145*183 | 18 | 62 | 61 | 3600*1600*2100 | 3880 | ≤97 |
| SD660P | 750/600 | 825/660 | 4006-23TAG2A | 209 | L6 | 160*190 | 23 | 113 | 105 | 4020*1800*2180 | 4500 | ≤97 |
| SD720P | 800/640 | 900/720 | 4006-23TAG3A | 210 | L6 | 160*190 | 23 | 113 | 105 | 4020*1800*2180 | 4500 | ≤97 |
| SD800P | 900/720 | 1000/800 | 4008TAG1A | 206 | L8 | 160*190 | 30.5 | 153 | 143 | 4600*1900*2300 | 7600 | ≤102 |
| SD880P | 1000/800 | 1100/880 | 4008TAG2A | 206 | L8 | 160*190 | 30.5 | 153 | 149 | 4630*2040*2500 | 7900 | ≤102 |
| SD1100P | 1250/1000 | 1375/1100 | 4012-46TWG2A | 212 | V12 | 160*190 | 46 | 177 | 196 | 5100*2050*2400 | 9600 | ≤102 |
| SD1320P | 1500/1200 | 1650/1320 | 4012-46TAG2A | 200 | V12 | 160*190 | 46 | 177 | 210 | 5300*2050*2400 | 10000 | ≤102 |
| SD1500P | 1688/1350 | 1875/1500 | 4012-46TAG3A | 208 | V12 | 160*190 | 46 | 177 | 210 | 5220*2130*2400 | 10600 | ≤102 |
| SD1600P | 1875/1480 | 2063/1600 | 4016-61TRG1 | 194 | V16 | 160*190 | 61 | 237 | 210 | 5900*2240*2128 | 12000 | ≤102 |
| SD1800P | 2000/1600 | 2250/1800 | 4016-61TRG2 | 197 | V16 | 160*190 | 61 | 237 | 215 | 6000*2240*2366 | 12300 | ≤102 |
| SD2000P | 2250/1800 | 2500/2000 | 4016-61TRG3 | 205 | V16 | 160*190 | 61 | 237 | 260 | 6500*2240*3175 | 12900 | ≤102 |

# Shilider Power Technology Co., Ltd

GENERATOR SET MANUFACTURER

Shilider is an enterprise specialized in research and development, production and sales of diesel generator sets, large gas generator sets and other new energy generator sets.
Guangdong Shilider Power Technology Co., Ltd. is a research and development, production and sales service center jointly funded by Chinese partners, responsible for all businesses of Shilider brand in the world.
We have offices all over the world to provide technical support and after-sales service support for customers and agents around the world.

The generator set includes open type, container type, silent cover type, trailer type, mobile light tower and other types.

We have long maintained a good cooperative relationship with world-renowned enterprises. Our cooperative suppliers include German MTU, Mannheim, Sweden Volvo, UK Parkins, Deutz, Boduan, Yuchai, Shangchai and other well-known engines.

We can meet various emergency or common power supply solutions, including SD series diesel generator set, SG series gas generator set, heat dissipation system, control system, power distribution system, biogas pretreatment system, biogas pretreatment system, etc.

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